N

MD 146 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

10.11

HESS RD

D3-2
(DUAL FACED)
VARIABLE X 16"

EXISTING SIGN NO. 11 SHALL
BE RELOCATED TO THE NEW SPAN

PROPOSAL SIGNAL HEADS

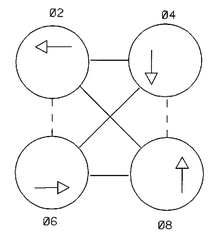
1-9

R
Y
G

12"

(BLACKFACED
POLYCARBONATE)

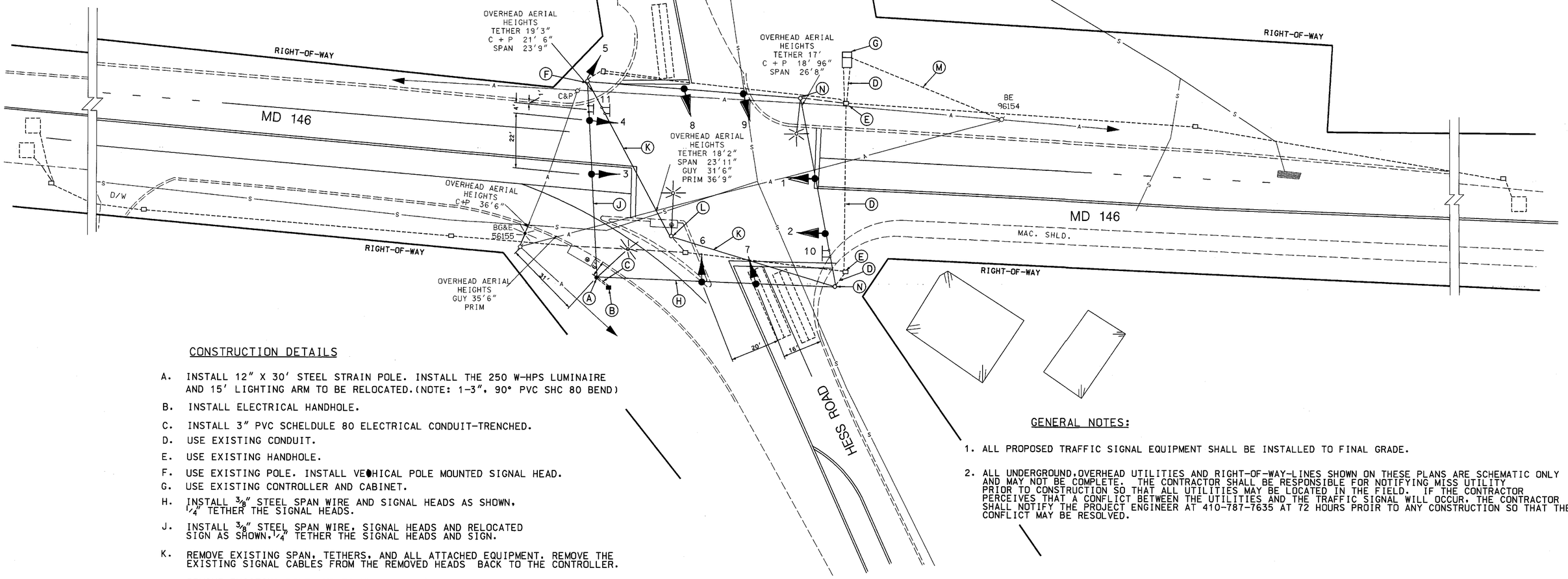
NEMA PHASING



FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. INSTALL 12" X 30' STEEL STRAIN POLE. INSTALL THE 250 W-HPS LUMINAIRE AND 15' LIGHTING ARM TO BE RELOCATED.(NOTE: 1-3", 90° PVC SHC 80 BEND)

B. INSTALL ELECTRICAL HANDHOLE.

C. INSTALL 3" PVC SCHELDULE 80 ELECTRICAL CONDUIT-TRENCHED.

D. USE EXISTING CONDUIT.

E. USE EXISTING HANDHOLE.

F. USE EXISTING POLE. INSTALL VEHICAL POLE MOUNTED SIGNAL HEAD.

G. USE EXISTING CONTROLLER AND CABINET.

H. INSTALL 3/8" STEEL SPAN WIRE AND SIGNAL HEADS AS SHOWN, 1/4" TETHER THE SIGNAL HEADS.

J. INSTALL 3/8" STEEL SPAN WIRE, SIGNAL HEADS AND RELOCATED SIGN AS SHOWN, 1/4" TETHER THE SIGNAL HEADS AND SIGN.

K. REMOVE EXISTING SPAN, TETHERS, AND ALL ATTACHED EQUIPMENT. REMOVE THE EXISTING SIGNAL CABLES FROM THE REMOVED HEADS BACK TO THE CONTROLLER.

L. REMOVE EXISTING POLE AND FOUNDATION 12" BELOW GRADE, CAP AND ABANDON CONDUIT. THE EXISTING 250W HPS WITH 15' LIGHTING ARM IS TO BE RELOCATED

M. EXISTING UNDERGROUND SERVICE TO REMAIN.

N. USE EXISTING POLE AND THE ATTACHED EQUIPMENT. REMOVE THE EXISTING SIGNAL SIGNAL HEADS AND INSTALL THE PROPOSED SIGNAL HEADS. USE THE SAME LOCATION AND WIRING.

GENERAL NOTES:

1. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

2. ALL UNDERGROUND,OVERHEAD UTILITIES AND RIGHT-OF-WAY-LINES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT 410-787-7635 AT 72 HOURS PROIR TO ANY CONSTRUCTION SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND

G—G	GAS MAIN
W—W	WATER MAIN
S—S	SEWER MAIN
E—E	ELECTRIC CABLES
A—A	AERIAL CABLES
T—T	TELEPHONE CABLES

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS

9220 RUMSEY ROAD; SUITE 110
COLUMBIA, MARYLAND 21045
(410)-884-3607

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY
A REPLACE STRAIN POLE IN SE CORNER SHA NO. 0T2000 7/10/02	ORIGINAL ON FILE
EMM	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN SHEET

MD 146 AND HESS ROAD

DRAWN BY:		F.A.P. NO.		TS NO. 3236 A	SHEET NO. 1 OF 2
CHECKED BY:		S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO. F-240	
DATE:	3/92	LOG MILE:	12014600.81		